

Product datasheet for **TP727272**

SERPINB3 Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human Serpin B3/SERPINB3/SCCA1 (C-6His)
Species:	Human
Expression cDNA Clone or AA Sequence:	Met1-Pro390
Tag:	C-His
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS, pH 7.4.
Note:	Recombinant Human Serine Protease Inhibitor-clade B3 is produced by our Mammalian expression system and the target gene encoding Met1-Pro390 is expressed with a 6His tag at the C-terminus.
Storage:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Stability:	12 months from date of despatch
Locus ID:	6317
UniProt ID:	P29508
Synonyms:	Serpin B3; Protein T4-A; Squamous cell carcinoma antigen 1; SCCA-1;serine (or cysteine) proteinase inhibitor, clade B (ovalbumin), member 3; serpin peptidase inhibitor, clade B (ovalbumin), member 3; Squamous cell carcinoma antigen 1; T4-A;SCCA1
Summary:	Serpin B3, also known as squamous cell carcinoma antigen-1 (SCCA-1), is a member of the serpin superfamily of serine protease inhibitors. Serpin B3 belongs to the subgroup ovalbumin-related serpins which are involved in the regulation of apoptosis, inflammation, angiogenesis and embryogenesis. It may act as a papain-like cysteine protease inhibitor to modulate the host immune response against tumor cells. It also functions as an inhibitor of UV-induced apoptosis via suppression of the activity of c-Jun NH(2)-terminal kinase (JNK1).
Protein Families:	Druggable Genome, Secreted Protein



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